

APPENDIX P
EXAMPLE SYNOPSIS FOR INDEFINITE-DELIVERY CONTRACT

**T - HYDROGRAPHIC SURVEYING, PHOTOGRAMMETRIC MAPPING, AND
BOUNDARY SURVEYING SERVICES FOR ST. LOUIS DISTRICT**

General Information

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Contracting Office Address

US Army Corps of Engineers, St. Louis District, 1222 Spruce Street, St. Louis, MO
63103-2833

Description

1. CONTRACT INFORMATION: This contract is being procured in accordance with the Brooks A-E Act as implemented in FAR Subpart 36.6. Firms will be selected for negotiation based on demonstrated competence and qualifications for the required work. The services will consist of hydrographic, photogrammetric mapping, and related ground and boundary surveying services to support engineering, design operations, maintenance, and construction of various navigation or flood control projects within or assigned to the St. Louis District, U.S. Army Corps of Engineers. Two indefinite delivery contracts will be negotiated and awarded, each with a base year and two option years. The amount of each contract will not exceed \$3,000,000. Work will be issued by negotiated firm-fixed-price or labor-hour task orders. The contracting officer will consider the following factors in deciding which contractor will be selected to negotiate an order: performance and quality of deliverables under the current contract, current capacity to accomplish the order in the required time, uniquely specialized experience, and equitable distribution of work among the contractors. The contracts are anticipated to be awarded in November 2002. North American Industrial Classification System code is 541360, which has a size standard of \$4,000,000 in average annual receipts. These contracts are set-aside for small businesses only. The wages and benefits of service employees (see FAR 22.10) performing under these contracts must be at least equal to those determined by the Department of Labor under the Service Contract Act, as determined relative to the

employee's office location (not the location of the work). To be eligible for contract award, a firm must be registered in the DoD Central Contractor Registration (CCR). Register via the CCR Internet site at <http://www.ccr.gov> or by contacting the DoD Electronic Commerce Information Center at 1-800-334-3414.

2. PROJECT INFORMATION: Hydrographic surveying is required to support river and harbor navigation, reservoir sedimentation studies, beach and shoreline erosion studies, underwater hazard detection, dredging and construction measurement, and river/tidal hydraulic studies. Photogrammetric mapping requirements supporting the above projects will consist of aerial photography, analytical aerotriangulation, stereo mapping compilation, orthophotography, and land use/land cover interpretation. Ground survey data collection in support of photogrammetric mapping projects including establishment of necessary ground control (both horizontal and vertical) and profiles used for checking map photogrammetric map accuracy. Real property surveys of Government-owned land tracts, such as levees, reservoirs, or dredge disposal areas, may be required to establish or reestablish corners, monuments, and boundary lines, or for the purpose of describing, locating fixed improvements, or platting or dividing parcels. Work will be submitted in hard copy report format, hard copy F-size drawings, and/or automated/CADD format. Work may be performed to support other Federal agencies.

3. SELECTION CRITERIA: The selection criteria for this particular project are listed below in descending order of importance (first by major criterion and then by each sub-criterion). Criteria a-e are primary. Criteria f and g are secondary and will only be used as "tie-breakers" among firms that are essentially technically equal.

a. Specialized experience and technical competence in:

- (1) Hydrographic surveying and mapping expertise in the areas of river and harbor navigation, reservoir, beach, and shoreline surveys/studies, underwater hazard detection, construction and dredging measurement and payment, and river/tidal hydraulic studies, using differential GPS, acoustic, and conventional survey techniques.
- (2) Own or lease an automated hydrographic survey vessel of 19-30 foot length capable of being trailered to and operating in U.S. inland and coastal waters, equipped with an automated single-beam 200 KHz acoustic depth measurement system, full motion compensation, side scan sonar imaging for underwater object detection, and multi-beam acoustic imagery from a single transducer source.
- (3) Experience in photogrammetric production for large and small scale (between 1"=50' with 1' contours and 1"=2,000' with 50' contours).
- (4) Photogrammetric equipment including owning or leasing airworthy aircraft, currently (within the last 3 calendar years) certified precision aerial mapping camera, photographic lab for reproducing aerial photographic and mapping products (including natural color, color infra red and panchromatic (black and white) prints and diapositives), hardware and software to perform fully analytical aero-triangulation, analytical stereoplotter instrumentation interfaced for digital data collection of planimetric and topographic features, DTM, DEM data collection and manipulation of terrain data, digital data editing facilities, ability to provide orthophoto products (hardcopy and digital), and airborne GPS capabilities for aircraft navigation and photo control.
- (5) Technical production expertise consistent with utilization of photogrammetric equipment.
- (6) Capability to collect and deliver digital data (2D and 3D) properly formatted on appropriate media.
- (7) Ability to provide ground survey control planning and acquisition in support of photogrammetric mapping. Required skills include establishment of horizontal and

vertical control points, traverses and level loops utilizing survey grade transits, EDM systems, levels, and Global Positioning System (GPS) equipment. (8) Facilities and capability to gather historical photos from hardcopy and/or digital sources and perform photo image interpretation to detect land use and change analysis utilizing digital softcopy techniques and manually via hardcopy. (9) Contractor facilities must have capability to deliver digital data on CDROM, optical rewritable disks, 8mm tapes, DVD disks, and 3.5" micro disks. Digital data must be readable and fully operational with U.S. Geological Survey DLG-3, AutoCAD, ARC/INFO (GIS), ERDAS, and Microstation J formats. (10) Own or lease static/kinematic GPS equipment capable of subcentimeter measurement accuracy, electronic total station with data collector. b. Qualified personnel in the following key disciplines: (1) Licensed civil engineers. (2) Registered land surveyors. (3) Engineering, surveying, CADD and photogrammetric technicians. The evaluation will consider education, training, registration, voluntary certifications (e.g., ACSM Certified Hydrographer or ASPRS Certified Photogrammetrist), overall and relevant experience, and longevity with the firm. c. Past performance on DoD and other contracts with respect to cost control, quality of work, and compliance with performance schedules, as determined from ACASS and other sources. d. Capacity to perform approximately \$1,000,000 in work of the required type in a one-year period. The evaluation will consider the availability of an adequate number of personnel in key disciplines and equipment availability. e. Knowledge of boundary and coordinate systems in states within the boundaries of the St. Louis District (IL and MO). f. Extent of participation of SB (including WOSB), SDB, historically black colleges and universities, and minority institutions in the proposed contract team, measured as a percentage of the total estimated effort. g. Volume of DoD A-E contract awards in the last 12 months, with the objective of effecting an equitable distribution of DoD A-E contracts among qualified firms, including SB and SDB. 4. SUBMISSION REQUIREMENTS: Interested firms having the capabilities to perform this work must submit two copies of SF 255 (11/92 edition), and two copies of SF 254 (11/92 edition) for the prime firm and all consultants, to the above address not later than 4:00 PM on the response date indicated above. The SF 255 shall not exceed 50 pages, including no more than 5 pages for Block 10. Use no smaller than 12-font type. Include the firm's ACASS number in SF 255, Block 3b. For ACASS information, call 503-808-4590. In SF 255, Block 10 describe owned or leased equipment that will be used to perform this contract, as well as CADD capabilities. In Block 10, describe the firm's overall DQMP. A project-specific design quality control plan must be prepared and approved by the Government as a condition of contract award, but is not required with this submission. In Block 10 also indicate the estimated percentage involvement of each firm on the proposed team. Include an organization chart of the key personnel to be assigned to the project. Facsimile transmissions will not be accepted. Solicitation packages are not provided and no additional project information will be given to firms during the announcement period. This is not a request for proposal.

Point of Contact

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Email your questions to US Army Engineer District, St. Louis – Civil Works at
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Place of Performance

N/A